



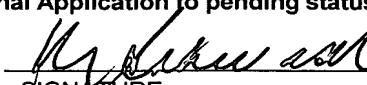
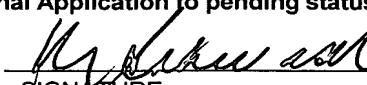
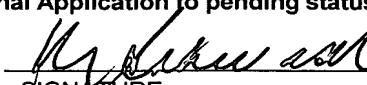
IAP13 Rec'd PCT/PTO 10 OCT 2006

FORM PTO-1390 (Modified)  
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV 12-2004)

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>016906-0464</b>
INTERNATIONAL APPLICATION NO. PCT/EP2004/008494		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/585,871
INTERNATIONAL FILING DATE 07/29/2004		PRIORITY DATE CLAIMED 08/01/2003
TITLE OF INVENTION HEAT EXCHANGER AND PLATE USED IN A HEAT EXCHANGER		
APPLICANT(S) FOR DO/EO/US Jen RICHTER		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ul> </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern other document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Statement Under 37 CFR 3.73(b).</p>		

FORM PTO-1390 (Modified)

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U.S. APPLICATION NO. (If known, see 37 CFR. 1.5) 10/585,871		INTERNATIONAL APPLICATION NO. PCT/EP2004/008494	ATTORNEY'S DOCKET NUMBER 016906-0464																																																																																																																																						
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100 \$200</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td>All other situations</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE 21, 22 and 23 =</b></td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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See 37 CFR 1.27. Fees above are reduced by ½.         </td> </tr> <tr> <td colspan="5"><b>SUBTOTAL =</b> \$ 130.00</td> </tr> <tr> <td colspan="5">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="5"><b>TOTAL NATIONAL FEE =</b> \$ 130.00</td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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A duplicate copy of this sheet is enclosed.        d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.     </td> </tr> <tr> <td colspan="5">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</td> </tr> <tr> <td colspan="5">SEND ALL CORRESPONDENCE TO:  Foley &amp; Lardner LLP Customer Number: 22428</td> </tr> <tr> <td colspan="5">           SIGNATURE          Richard L. Schwaab          NAME          25,479          REGISTRATION NUMBER       </td> </tr> </table>					21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 0.00		22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100 \$200	\$ 0.00		All other situations				23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared and provided to the Office	\$400			All other situations	\$500	\$ 0.00		<b>TOTAL OF ABOVE 21, 22 and 23 =</b>		\$ 0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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